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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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EXAMINER

DELGADO, MICHAEL A

| ART UNIT | PAPER NUMBER |
|----------|--------------|
|----------|--------------|

2143

DATE MAILED: 12/03/2002

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Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/558,378

Applicant(s)

PEDERSEN ET AL.

Examiner

Michael S. A. Delgado

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 April 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Specification*

1. The spacing of the lines of the specification is such as to make reading and entry of amendments difficult. New application papers with lines double spaced on good quality paper are required.

### *Claim Objections*

2. Claim 14 objected to because of the following informalities: "may by" should be replaced with "may be". Appropriate correction is required.

### *Claim Rejections - 35 USC § 102*

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

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4. Claim 1-16 are rejected under 35 U.S.C. 102(e) as being anticipated by US Patent No 6,119,155 by Rossmann et al.

In claim 1, Rossmann teaches about a terminal for providing an application using a browser, comprising: a transceiver arranged to send radio packets to and receive radio packets from a server; (Fig 2)

a browser application for displaying content, arranged to initiate a first application by accessing a first item associated with the first application using a first content identifier, the application being provided by the combination of the first item and further items each of which is accessible using an individual content identifier, and each of which comprises content or means for linking to content (Col 9, lines 60-67), (Col 10, lines 1-10); and

a memory for storing items received from the server locally in the terminal for access by the browser using their individual content identifiers, wherein accessing an item involves attempting to read the item from the memory and then, if unsuccessful, requesting transfer of the item from the server by sending a radio packet containing the appropriate content identifier, wherein the terminal is arranged to store in the memory, for access by the browser, items pushed asynchronously from the server (Col 6, lines 20-48).

For claim 2, Rossmann teaches about a terminal as claimed in claim 1, wherein the first item has identifying means for identifying to the browser the content identifiers of the further items, and link means for linking to the further items using their individual content identifiers (Col 6, lines 35-48).

In claim 3, Rossmann teaches about a terminal as claimed in claim 2, wherein the first item further comprises transfer means for transferring the further items from the server to the

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terminal for storage in a memory in the terminal where they may be accessed using their individual content identifiers (Col 6, lines 40-48).

For claim 4, Rossmann teaches about a terminal as claimed in claim 1, wherein the terminal further comprises a user interface connected to the browser having a display for displaying content and user input means, and the first item additionally has link means for providing a visual indication of links on the display and for providing for user activation of each displayed link (Col 6, lines 30-40).

In claim 5, Rossmann teaches about a terminal as claimed in claim 1, wherein each content identifier is a URL (Col 6, lines 30-35).

For claim 6, Rossmann teaches about a terminal as claimed in claim 3, wherein the transfer means transfers only those items which are not already stored in the memory (Col 6, lines 40-48).

In claim 7, Rossmann teaches about a terminal as claimed in claim 3, wherein on transfer of the first item to the terminal the identifying means, link means and transfer means are activatable to establish a hierarchy of items (Fig 5).

For claim 8, Rossmann teaches about a terminal as claimed in claim 7, wherein identifying means, link means and transfer means are activated automatically when the first item is transferred (Col 6, lines 20-48).

In claim 9, Rossmann teaches about a terminal as claimed in claim 1, wherein communication between the terminal and server is in accordance with the Wireless Application Protocol and the first item is a deck and the further items are either cards or decks (Col 5, lines 30-50).

For claim 10, Rossmann teaches about a terminal as claimed in any claim 1, wherein the terminal comprises arbitration means for determining whether an item received from the server is in reply to an access by the browser and should be directed to the browser or is not in reply to an access by the browser and should be stored directly in the memory (Col 6, lines 40-48).

In claim 11, Rossmann teaches about a terminal as claimed in claim 10, wherein the arbitration means makes the determination on the basis of an identifier provided by the server (Col 6, lines 40-48).

For claim 12, Rossmann teaches about a terminal as claimed in claim 11, wherein the browser, after receiving content from the arbitration means stores the content in a memory (Col 6, lines 20-30).

In claim 13, Rossmann teaches about a terminal as claimed in claim 12, wherein the memory is unpartitioned (Col 6, lines 25-35).

For claim 14, Rossmann teaches about a system comprising a server and a terminal as claimed in claim 2, wherein the application may be updated by updating the identifying means and the link means of the first item in the server and transferring the updated first item to the terminal (Col 11, lines 35-45).

In claim 15, Rossmann teaches about a system comprising a server and a terminal as claimed in claim 1, wherein the application may be updated by updating the content of further items in the server and transferring the updated items to the terminal (Col 11, lines 35-45).

For claim 16, Rossmann teaches about a system comprising a server and a terminal as claimed in claim 1 wherein on the first activation of the first application all items associated with an application are transferred from the server to the terminal (Col 6, lines 20-48).

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*Conclusion*

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US patent No. 6,473,609 By Schwartz et al teaches about a method and architecture for interactive two-way communication devices to interact with a network.

US patent No. 6,414,962 By Hall et al teaches about a method and apparatus for caching location information of transmitting mobile stations.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael S. A. Delgado whose telephone number is 703-305-8057. The examiner can normally be reached on 8 AM - 4.30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A Wiley can be reached on (703)308-5221. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-7239 for regular communications and 703-746-7239 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-3900.

MD

MD  
November 25, 2002

  
DAVID WILEY  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100